

**ONE
FOR ALL**



URC-8550

*Topline*TM

Home Theater Universal Remote Control

USER GUIDE & CODE BOOK



Retain For Future Reference

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About your Topline 8

Thank you for purchasing the ONE FOR ALL *Topline 8* Home Theater Universal Remote Control. Your *Topline 8* package contains:

- Your *Topline 8* remote control
- Your *Topline 8* manual

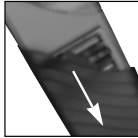

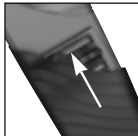
Your User Guide & Codebook is divided into three parts: Basic Functions, Advanced Functions and Set-Up Codes. You may need this guide again in the future, so please be sure to keep it.

Your *Topline 8* needs four new AAA/LR03 batteries.

Your ONE FOR ALL *Topline 8* is designed to let you use one remote to operate your Video and Audio equipment; any device designed to be operated by an infrared signal. This also includes those devices which operate over 100 kHz. You can choose any combination of 8 devices you would like to operate. Also, what makes the *Topline 8* even more unique is it allows you to control your home theater system with the touch of a key by using the *Topline 8*'s Home Theater mode key. The following pages explain in simple steps how to customize the *Topline 8* your home entertainment environment.

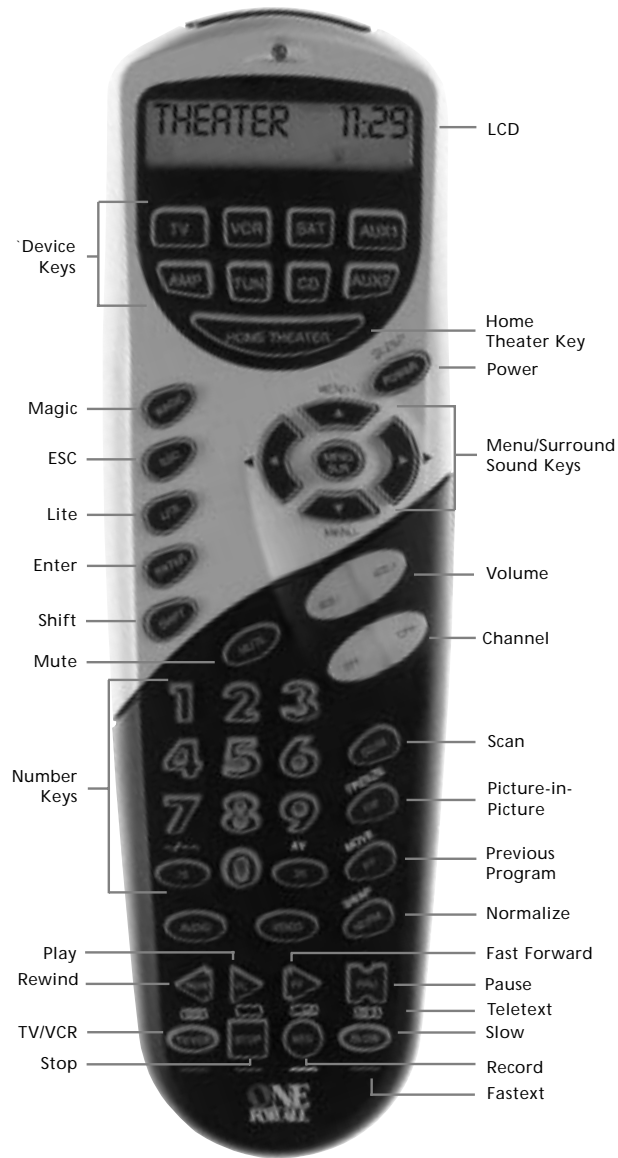
Installing the Batteries

Your *Topline 8* requires four (4) new alkaline AAA/LRO3 batteries. To install the batteries:

- 1**  Remove the battery cover by pressing down on the bottom portion and sliding the cover off.
- 2**  Match the batteries to the + and - marks inside the battery case, then insert the batteries.
- 3**  Slide the battery cover back into place.





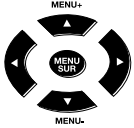





Once the batteries are inserted all the segments in the display screen will show. If the display screen is blank or if the screen reads [BATTERY LO], the batteries are running low and you must replace them with fresh batteries to ensure proper functioning. The *Topline 8's* internal back-up batteries ensure that programming information is not lost if the batteries are changed; however, you will need to reset the clock upon changing batteries

Basic Features

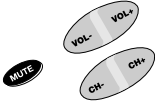
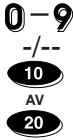







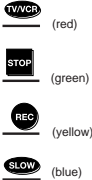


Basic Features

FEATURES AND FUNCTIONS

Key	Function
	The LCD screen guides you through setting up and operating your home entertainment equipment.
	<p>Device Keys</p> <p>The TV, VCR, SAT, AMP, TUN, CD, AUX1 and AUX2 keys select the device to be controlled. For example, pressing the TV key allows the remote to control the functions of your Television, after pressing VCR you can operate your Video, etc. For more detailed information, please see page 10.</p>
	<p>Home Theater Key</p> <p>This key is used to select the Home Theater mode of the <i>Topline 8</i>. See page 17 for more information.</p>
	<p>Power</p> <p>The Power key controls the same function it did on your original remote. When SHIFT is pressed first, this key is also used to access the Sleep timer of your device (see page 22).</p>
	<p>Menu/Surround Sound Keys</p> <p>If available on your original remote, these directional keys are used to access the menu function, programming guides or the surround sound of your device.</p> <p>During set-up and programming your <i>Topline 8</i>, the up (▲) and down (▼) keys are used to scroll through the LCD screens.</p>
	<p>Magic</p> <p>The MAGIC key is used to set up your <i>Topline 8</i> and to access the menu and special features.</p>
	<p>Esc</p> <p>The Esc (Escape) key is used to exit the LCD screen and go back to normal operation.</p>
	<p>Lite</p> <p>The LITE key is used to turn On and Off the <i>Topline 8's</i> backlit keypad and LCD. Press the <i>LITE</i> key once to turn on the backlight feature. The backlight will stay on for approximately ten seconds each time a key is pressed. To deactivate the backlight, press the <i>LITE</i> key again.</p>
	<p>Enter</p> <p>The Enter Key is used to make selections on the LCD menu. It is also used to make selections in your on-screen programming menus.</p>
	<p>Shift</p> <p>The Shift key accesses advanced features which are located under the following keys: POWER, NORM, PP, PIP, VOL+/-, CH+/-, MENU+/-, left, right. This key can also be used for programming advanced functions on the <i>Topline 8</i> keypad.</p>













Basic Functions

Key	Function
	<p>Volume +/-, Channel +/-, Mute These keys operate just as those on your original remote control. When SHIFT is pressed first, volume and channel can be used to control color and brightness (see page 22).</p>
	<p>Number Keys The Number keys (0-9, 10, 20) provide functions just like your original remote, such as direct access programme selection. If your original remote uses one/two digit input switching (-/-- symbol), this function can be obtained by pressing the -/-- key, which is the same as the 10 key. If your original remote used an AV key, this can be found by pressing the 20 key.</p>
	<p>Scan The Scan key allows you to easily browse through the programmes on your TV, VCR or Satellite. See page 16 for more details.</p>
	<p>PIP If available on your original remote, the PIP key will access the Picture-in-Picture feature of your TV, VCR and SAT.</p>
	<p>PP (Previous Programme) Operates the same as the Previous Programme key on your original remote (can also be called Last Channel or Recall).</p>
	<p>Normalize If available on your original remote, the Normalize key returns all settings of your television to their standard levels.</p>
	<p>Audio, Video These keys can be used for programming sequences. See page 19 for more details.</p>
	<p>Video Recorder Keys After pressing VCR, these keys operate the functions of your VCR. To prevent accidental recording, the Record key must be pressed twice to start recording.</p>
	<p>Teletext/Fasttext Keys After pressing the TV key, the top row of VCR keys are used to operate the main Teletext functions of your Television. The symbols below the top row of keys are for Teletext. Of course, your Television must be Teletext capable. For an explanation of the teletext symbols, please refer to page 16.</p>
	<p>After pressing the TV key, the bottom row of VCR keys marked red, green, yellow and blue allow you to access the Fasttext functions of your television. Again, your television must be fasttext capable to operate these functions. For a more detailed explanation of how Teletext and Fasttext work, please refer to the manual of your Television.</p> <p>Also, some devices require you to use the fasttext keys to operate menu control. If so, these keys will function the same way as on your original remote.</p>

Basic Functions

LANGUAGE SELECTION

It is possible to choose between three languages for the text which is displayed on the LCD of the *Topline 8*. You can choose between English, French and German. The default setting is English. To change the language selection, follow the procedure below.

- 1**  Press and hold the **MAGIC** key until the display screen changes from [DEVICE and the TIME] to [TIMED SEQ].
- 2** 


 Press **MENU-** twice, the display will change to [CONFIGURE]. Press **ENTER** and the display will change to [THEATR SEL].
- 3** 


 Press **MENU+** two times and the display will read [LANGUAGE]. Press **ENTER**.
- 4** 

 The display will read [ENGLISH]. Use the **Menu-** key to cycle through the language choices. When you get to the desired language, press **ENTER**. The display will return to the main screen.
















Notes:

- If you make a mistake in your selection, press **ESC** and repeat the procedure starting with step number 1.
- When you replace the batteries, the language you have selected will stay programmed.

Basic Functions

SETTING THE CLOCK

The *Topline 8* comes with both a 24hr clock and a 12hr clock. After installing the batteries for the first time, the *Topline 8* will default to the 24hr clock setting. To set the clock, follow the procedure below. It is also possible during this procedure to change to a 12hr clock setting, if desired.

-  **Press and hold the MAGIC** key until the display screen changes from [DEVICE and the TIME] to [TIMED SEQ].
- 

 Press **MENU-** twice, the display will change to [CONFIGURE]. Press **ENTER** and the display will change to [THEATR SEL].
- 
 Press **MENU-** one time and the display will read [TIME SETUP]. Press **ENTER**.
- 
or

 The display will read [24HR CLOCK]. If this is the setting you want, press **ENTER**, **OR** if you wish to change to a 12hr clock, press **MENU-** and the display will read [12HR CLOCK]. Then press **ENTER**.
-  The display will change to [TIME] and the first digit in the clock will blink. Enter the first digit of the time, then the next digit will blink. Continue entering the time until all four digits of the clock have been set.
- 
or

 If you are using a 24hr clock, press **ENTER**. If you are using a 12hr clock, the AM/PM will blink. Press **MENU-** to toggle between AM and PM. Once this is selected, press **ENTER**.
- 
 The display will then change to the day of the week. Use the **MENU-** key to cycle through the days until the proper day is displayed on the screen, then press **ENTER**. The display will return to the main screen [DEVICE and the TIME] showing the selections you have made.







Notes:

- If you make a mistake in your selection, press **ESC**, and repeat the procedure starting with step number 1.
- When you replace the batteries, you will need to set the clock again.

Basic Functions: Setting Up Your Devices

SETTING UP YOUR TV

To set up the *Topline 8* for your television:

-  Find your Television code in the Set-Up Code section (starting on page 31). Codes are listed by brand name. The most popular code is listed first. Make sure your Television is switched on; any programme is fine.
-  Press the **TV** key, then **press and hold the MAGIC** key until the display screen changes from [TV and the TIME] to [TIMED SEQ].
-  Press **MENU-** once, the display will change to [CODE SETUP]. Press **ENTER** and the display will change to [DEV SET UP].
-  Press **ENTER** and the display will change to [TV].
-  Enter your **three-digit TV code** using the number keys, then press **ENTER**.
-  Aim the *Topline 8* at your TV and press **POWER**. Your Television should turn off. If your TV turns off, press the **ESC** key to return to the main screen [TV and the TIME].

If your TV does not turn off, **enter the next code** in the list then press **ENTER**. Press **POWER** to see if your TV turns off. Once your TV turns off, you have found the correct code. Press the **ESC** key to return to the main screen [TV and the TIME].

Write your code in the three boxes on page 14 for easy future reference.



Notes:









- To control your Television, [TV] must be displayed on the screen. This can be obtained by pressing the TV key.
- To set up more than one device, before pressing the ESC key during step 6, you can press the next device key you want to program and enter the code for that device.
- If your TV does not respond, try every code listed for your brand during step 6. If none of the codes listed operate your TV, try the Search Method described on page 13, even if your brand is not listed at all.

Basic Functions






SETTING UP YOUR OTHER DEVICES

To set up the *Topline 8* for your other devices:

- 1  Find the code for your device in the Set-Up Code section (starting on page 31). Codes are listed by brand name. The most popular code is listed first. Make sure your device is turned on.
- 2  Press the **Device key** on the *Topline 8* for the device you wish to control. Devices can be found under the following key (for example to set up a Cable Converter you would press SAT):

Device	LCD Abbreviation	Key
Television	TV	
Video Recorder	VCR	
Satellite Receiver	SAT	
Cable Converter	CABLE	
Video Accessories	VID AC	
CD Player	CD	
Phonographs	PHONO	
Audio Amplifier	AMP	
Tuner	TUNER	
Miscellaneous Audio	MISC AU	
Home Automation	HOM CT	
Amplifier	AMP	
Tuner	TUNER	
Audio Cassette Player	TAPE	
Laser Disc Player	LP	
Digital Audio Tape	DAT	

Basic Functions

- 3**  Then, **press and hold the MAGIC** key until the display screen changes to [TIMED SEQ].
- 4**  Press **MENU-** once, the display will change to [CODE SETUP]. Press **ENTER** and the display will change to [DEV SET UP].
- 5**  Press **ENTER**. Then, if necessary, use the **MENU-** key to locate the device you want based on the chart above (for example, if you are setting up a Cable Converter, you would need to press MENU- once until CABLE is displayed on the screen).
- 6**  Then, enter your **three-digit device code** using the number keys, then press **ENTER**.
- 7**  Aim the *Topline 8* at your device and press **POWER**. Your device should turn off. If your device turns off, press the **ESC** key to return to the main screen.
- If your device does not turn off, **enter the next code** in the list then press **ENTER**. Next, press **POWER** to see if your device turns off. Once your device turns off, you have found the correct code. Press the **ESC** key to return to the main screen.

Write the code for your device(s) in the boxes on page 14 for easy future reference.

Notes:




- To control your device, press the device key first.
- Only one device (CD, amplifier, cassette, etc.) can be assigned to a device key. If your original remote operates more than one device (for example, a receiver, CD player and cassette player in one remote), you will need to set up each device separately.
- If your device's original remote control does not have a power key, press PLAY instead of POWER during step 7. (Make sure a tape or disc is inserted.)
- To set up more than one device, before pressing the ESC key during step 7, you can press the next device key you want to program and enter the code for that device.
- If your Device does not respond, try every code listed for your brand during step 7. If none of the codes listed operate your Device, try the Search Method described on page 13, even if your brand is not listed at all.

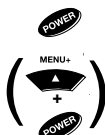

Basic Functions

SEARCHING FOR YOUR CODE

If your device did not respond to the *Topline 8* after you have tried all the codes listed for your brand, try the Search Method described below. The Search Method may also work if your brand is not listed at all.

For example, to search for the code to operate your TV:

- 1** Make sure your TV is switched on, any channel is fine.
- 2**  Press the **TV** key, then **press and hold the MAGIC key** until the display screen changes from [TV and the TIME] to [TIMED SEQ].
- 3**  Press **MENU-** once, the display will change to [CODE SETUP]. Press **ENTER** and the display will change to [DEV SET UP].
- 4**  Press **MENU-** once, the display will change to [DEV SEARCH]. Press **ENTER** and the display will change to [TV and code].

Note: code represents the last 3-digit code which was entered prior to starting the search. This code will now be displayed the screen.
- 5**  Aim the *Topline 8* at your TV and press **POWER**. If your TV turns off, press **ENTER** to lock in your code. The display will then return to the main screen. If your TV does not turn off, press **MENU+**. The next available code will be displayed on the screen. Press **POWER** again. If your TV turns off, press **ENTER**. If your TV does not turn off, continue pressing **MENU+** and **POWER** until your Television responds.
- 6**  Once your TV turns off, press **ENTER** to lock in your code and return to the main screen.

Notes:






- Be patient. You may need to alternate between **ENTER** and **POWER** many times. When you have reached the end of the list, the display will read (LIST END). Remember you must aim the *Topline 8* at your device the entire time you are searching for your code.
- To search for the code for your other devices, repeat the steps above, only substitute the appropriate device key in place of "TV" during step 2.
- If you are searching for the code for a VCR, CD Player, Laser Disc Player or DVD Player, you may want to use **PLAY** instead of **POWER** during step 5 (make sure a tape or disc is inserted).

Basic Functions

RECORDING YOUR CODES

After you have set up the *Topline 8* with your devices, you should record your codes. If you are not sure which code the *Topline 8* responded to, you can display the code on the LCD for each device you have set up.

For example, to display your TV code:

-  Press the **TV** key, then **press and hold the MAGIC key** until the display screen changes from [TV and the TIME] to [TIMED SEQ].
-  Press **MENU-** **once**, the display will change to [CODE SETUP]. Press **ENTER** and the display will change to [DEV SET UP].
-  Press **MENU-** **twice**, the display will change to [DEV NUMBER]. Press **ENTER** and the display will change to [TV and your code]. Record your code below.
-  Once you have recorded your TV code in the space provided below, continue by pressing the next device key and record the code below.
-  Press **ESC** to return to the main screen.











TV CODE	→	<input type="text"/>	<input type="text"/>	<input type="text"/>
VCR CODE	→	<input type="text"/>	<input type="text"/>	<input type="text"/>
SAT/CBL CODE	→	<input type="text"/>	<input type="text"/>	<input type="text"/>
CD CODE	→	<input type="text"/>	<input type="text"/>	<input type="text"/>
AMP CODE	→	<input type="text"/>	<input type="text"/>	<input type="text"/>
TUNER CODE	→	<input type="text"/>	<input type="text"/>	<input type="text"/>
OTHER	→	<input type="text"/>	<input type="text"/>	<input type="text"/>
OTHER	→	<input type="text"/>	<input type="text"/>	<input type="text"/>

Basic Functions

REASSIGNING THE DEVICE KEYS

The *Topline 8* can operate any combination of eight devices you want (for example: 2-TVs, 2-VCRs, 1-Satellite, 1-Amplifier, 1-Tuner and 1-CD Player). To do this, you must reassign the necessary keys.

For example, to place a second TV on the AUX2 key:

-  **1** Press and hold the **MAGIC** key until display screen changes from [DEVICE and the TIME] to [TIMED SEQ].
- 

 **2** Press **MENU-** twice, the display will change to [CONFIGURE]. Press **ENTER** and the display will change to [THEATR SEL].
- 


 **3** Press **MENU-** three times and the display will read [DEV CHANGE]. Press **ENTER**.
- 
 **4** The display will read [FROM DEV]. Press the **DEVICE KEY** you would like to move. In this example, you would press TV. The display will read [COPY TO]. Then press the unused **DEVICE KEY** you would like to replace. In this example, you would press AUX2. The display will change to [TV2 and TIME]. Now your second TV can be programmed under the AUX2 key.
- 5** Continue with setting up this device with the appropriate 3-Digit Code as was described in steps 1-7 on page 11.

To reset a device key back to its original function repeat the steps above only press the same device key twice during step 4.

Notes:



- To reassign any device key, follow the instructions above only substitute the correct device keys during step 4.
- If you have moved a device key which contains more than one type of device (ie: SAT key contains Satellite and Cable), you will need to refer to the chart on page 11 during step 4.

Basic Functions

SCAN

The Scan key on the *Topline 8* allows you to go through every programme available on your TV, Video or Satellite.

For example, to scan through the programmes on your Television:





-  Aim the Topline at your TV and press **TV**, then **SCAN**. Your TV will begin to scan through all the programmes available on your Television, stopping at each programme for about three seconds. Remember, the *Topline 8* must remain aimed at your TV the entire time you are using Scan.
-  When you find a programme you would like to watch, simply press the **SCAN** key again to stop the Scan feature.

To use Scan with your Video Recorder or Satellite, simply press the appropriate device key during step 1 (VCR orSAT), then Scan.

Note: Scan may not function with devices which do not have programme +/- keys on the original remote.

TELETEXT AND FASTTEXT

The Topline is designed to operate the basic functions of teletext (text on, text off, mix and hold/stop).

Symbol	Title	Description
	TEXT	Puts the television in the teletext mode.
	TV	Switches the television back to regular viewing mode. On some televisions, this may be done by pressing the TEXT key several times.
	MIX	Shows both teletext and regular television simultaneously. Also used for subtitling. On some televisions, this function is accessed by pressing the TEXT key twice.
	HOLD/STOP	Stops changing pages.

The keys marked red, green, yellow and blue are used to access the fasttext functions of your television.

Note: For a more detailed explanation of teletext and fasttext, please refer to the manual of your television. Remember, different televisions control teletext and fasttext features in different ways. Not all teletext functions may be available for your particular model.

Advanced Functions

HOME THEATER

The HOME THEATER mode key allows you to bring the most commonly used functions of your home theater components to one mode key. By doing this you can configure the keypad to meet your specific home theater needs. You can define by key grouping, which component should be controlled. The steps below will guide you through programming the Home Theater key.













Note: The Home Theater key should only be set up after you have all your devices working with the Topline 8.

Setting Up the Home Theater Key










For example, to configure the keypad like this:

Example:

Key Grouping:	To be controlled by:
Audio (Volume) Keys	Tuner
Channel Keys	Satellite
Playback (VCR) Keys	VCR
PIP Keys	TV
Menu/Surround Keys	Amplifier

-  Press and release the **HOME THEATER** mode key.
-  **Press and hold MAGIC** until the display changes from [THEATER and TIME] to [TIMED SEQ].
-   Press **MENU-** **two times** and the display will read [CONFIGURE]. Press **ENTER** and the display will change to [THEATR SEL]. Press **ENTER**.


-  The display will read [AUDIO] which refers to the volume and mute keys. Press **ENTER**. The display will change to [AMP], or if you have redefined the Amp key, it would read [TV2], [SAT2] and so on.

 At this screen you will press the **Device Key** you want to be controlled by the volume keys in the Home Theater Mode. Following the example above, you would press TUN. Once you have made your selection, press **ENTER**.
-  The display will change to [CHANNEL] which refers to the number keys and CH+/- . Press **ENTER**. The display will change to [TV].

 At this screen you will press the **Device Key** you want to be controlled by the channels keys in the Home Theater Mode. Following the example above, you would press SAT. Once you have made your selection, press **ENTER**.

Advanced Functions

- 6**  The display will change to [PLAY BACK] which refers to the VCR keys. Press **ENTER**. The display will change to [VCR].
-  At this screen you will press the **Device Key** you want to be controlled by the VCR keys in the Home Theater Mode. Following the example above, you would press VCR. Once you have made your selection, press **ENTER**.
- 
- 7**  The display will change to [PIP]. Press **ENTER**. The display will change to [TV].
-  At this screen you will press the **Device Key** you want to be controlled by the PIP keys in the Home Theater Mode. Following the example above, you would press TV. Once you have made your selection, press **ENTER**.
- 
- 8**  The display will change to [MENU] which refers to the surround sound functions. Press **ENTER**. The display will change to [TV].
-  At this screen you will press the **Device Key** you want to be controlled by the Menu/Surround keys in the Home Theater Mode. Following the example above, you would press AMP. Once you have made your selection, press **ENTER**. The display will return to the main screen.
- 

Now, whenever the Home Theater key is pressed, the keypad will control the devices you have selected: The volume keys will control your tuner, the channel keys will control your satellite, etc.

Notes:

- To change one or more of the Home Theater selections you have made, repeat the steps above. During step 4, you can press MENU- to locate the screen you wish to change.
- If you have placed an extended function on one of these keys using "Key Magic" and then include this key in your Home Theater selection, the extended function will be selected NOT the original function of this key.


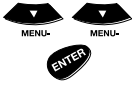


Advanced Functions


SEQUENCES

POWER SEQUENCE - Turning on your Home Theater components with one key.

After you have set up the Home Theater key, you can then set up a Sequence on the Power key which will allow you to turn on all these components with the touch of a key.

To program the Power Macro:

-  Press and release the **HOME THEATER** key, then press and hold **MAGIC** until the display screen changes to [TIMED SEQ].
-  Press the **Menu-** key **twice** until the display changes to [CONFIGURE]. Press **ENTER** and the display will change to [THEATR SEL].
-  Press the **Menu-** key **four times** until the display changes to [KEY SEQ]. Press **ENTER** and the display will read [SEL SEQKEY] (select sequence key).
-  Press **POWER** to assign the sequence to this key. The display will read [ENTER SEQ]. Now enter the sequence for all the devices you want to turn "ON". For example:

TUN + POWER + TV + POWER + SAT + POWER + etc.
until you have entered all devices you want to be included.
-  While entering the sequence, the display will read [ESC TO END]. When you have entered the sequence, press **ESC** to save. The display will return to [THEATER and the TIME].

To activate the Home Theater Power Sequence, the display must read [THEATER], then you can just aim the Topline 8 at your devices and press **POWER** to activate.

Notes:

- During step 4, it is important to enter the sequence in the order you want your components to turn on. For example, if you would like your tuner and amplifier to turn on before your TV, you must enter the sequence in this order.
- If your original remote requires that you press a number key to turn on your device, you should do this in place of pressing Power during step 4.

Advanced Functions

INSTALLING OTHER SEQUENCES

You can program the Topline 8 to issue a sequence of commands at the press of a key. For example, you may want to turn on your Satellite and TV at the same time then set your TV to programme 5. Any sequence of commands you regularly use can be reduced to one key stroke for your convenience. The keys labeled Audio and Video are for installing Sequences.

To set up a Sequence:

PRESS:	DISPLAY WILL READ:
1. HOLD MAGIC	TIMED SEQ
2. MENU- x 2	CONFIGURE
3. ENTER	THEATR SEL
4. MENU- x 4	KEY SEQ
5. ENTER	SEL SEQKEY (select sequence key)
6. AUDIO (or VIDEO)	ENTER SEQ
7. Enter the sequence of commands in the order you want them to activate. For the example mentioned above, you would press: SAT + POWER + TV+ POWER + 5 (enter the channel number exactly as you would on your original remote). While you are entering the sequence, the display will read [ESC TO END]. Press ESC to save. The display will return to the main screen.	

Deleting A Sequence

To erase any Sequence from a key, repeat steps 1-6 above, then press ESC to save.

Notes:





- Once you program a Sequence on a specific key, the sequence will work regardless of the mode (TV, VCR, SAT, etc.) you are in.
- If your original remote requires that you press a number key to turn on your device, you should do this in place of pressing Power.
- If you have placed an extended function on a key using "Key Magic" and then include this key in a Sequence, the extended function will be included in the Sequence NOT the original function of this key.
- Besides the Audio and Video key, you can install a Sequence on any key EXCEPT the following: TV, VCR, SAT, AUX1, AMP, TUN, CD, AUX2, HOME THEATER, MAGIC, ESC, LITE, ENTER, SHIFT, SCAN.

Advanced Functions


TIMED SEQUENCES

The *Topline 8* is equipped with a special feature which allows you to initiate your Sequence at a specific time, up to seven days in advance. It will also allow you to program the sequence to initiate Daily or Weekly. For example, this feature can be used to record programmes, act as an alarm clock by turning on your stereo at a certain time, or initiate any other series of keystrokes you would like to start at a specific time. You can store up to ten sequences in the memory of the *Topline 8* with each sequence having a maximum number of 15 keystrokes.

For example, to record a programme from your Satellite:

-  **1** Press and hold **MAGIC** until the display screen changes to [TIMED SEQ]. Press **ENTER**. The display will change to [ADD SEQ]. Press **ENTER** again.
-  **2** The display will change to [START and the TIME] with the first digit of the clock blinking. **Enter the time** you would like to start your recording. (If you have a 12h clock setting, AM/PM will then blink. Press **MENU-** to toggle between AM and PM.) Once this is selected, press **ENTER**.
-  **3** The display will change to [ONCE]. Use the **MENU-** key to cycle through [ONCE], [DAILY] or [WEEKLY] depending on when and how often the sequence should record. After you have made your selection, press **ENTER**.
-  **4** If you are recording either Once or Weekly, the display will change to the day of week you want the sequence to begin. Use **MENU-** to cycle through the days of the week until the proper day is on the screen. Press **ENTER** to select.
- 5** **Enter the sequence** of commands in the order you want them to activate. For example,





SAT + POWER + 27 + VCR + POWER + RECORD + RECORD

This Sequence will turn on your Satellite, change the channel to 27, turn on the VCR and start the VCR recording.
-  **6** While entering the sequence, the display will read [ENTER SEQ]. Once the Sequence has been entered, press the **ESC** key to return to the main screen. A clock symbol will be displayed at the bottom of the LCD to indicate that there is a Timed Sequence in memory.

It is important to note for the above example, if you would like to stop the recording at a certain time, you will need to install another Timed Sequence to do this.

Advanced Functions

To delete a Timed Sequence:

- 1**  Press and hold **MAGIC** until the display screen changes to [TIMED SEQ]. Press **ENTER** and the display will change to [ADD SEQ].
- 2**  Press **MENU-** once and the display will read [DEL SEQ]. Press **ENTER**.
- 3**  The display will then change to [DEL (the Day, W = Weekly or D = Daily) and the time of the sequence]. If this is the selection you would like to delete, press **ENTER**. The display will read [DELETED] and then go to the next timed sequence in memory.
- 4**  Press **ESC** to save your changes and return to the main screen.

THE SHIFT KEY

There are many features on the *Topline 8* keypad which can be accessed using the SHIFT key. For example, to use the Swap function of your PIP, you would press: **SHIFT then NORM**

The following keys have functions that are shifted:

KEY:	SHIFTED FUNCTION:
POWER:	SHIFT THEN POWER = SLEEP
VOL +/-:	SHIFT THEN VOLUME +/- = COLOUR +/-
CH +/-:	SHIFT THEN CH +/- = BRIGHTNESS +/-
PIP:	SHIFT THEN PIP = FREEZE
PP:	SHIFT THEN PP = MOVE
NORM:	SHIFT THEN NORM = SWAP
MENU+:	SHIFT THEN MENU+ = CENTER+
MENU-:	SHIFT THEN MENU- = CENTER-
MENU LEFT:	SHIFT THEN MENU LEFT = DELAY-
MENU RIGHT:	SHIFT THEN MENU RIGHT = DELAY+

Notes:

- Once you have pressed the SHIFT key, the *Topline 8* will remain in the Shift mode, indicated by the S on the LCD screen, for 5 seconds after the last key press, or until the SHIFT key is pressed again.
- Remember, in order for you to access the PIP features with the *Topline 8*, your original remote control must have had these features.

Advanced Functions




SLEEPTIMER

Sleeptimer is a feature which comes built into many TVs and Satellites. It allows you to set your device to turn off within a certain amount of time. This feature comes in handy if, for example, you enjoy falling asleep with your television on.

With the *Topline 8*, there are two ways to use the sleeptimer. If your TV or Satellite came with this feature built in, follow the instructions "Device Sleeptimer" below. If your device did not come with this feature, follow the instructions "*Topline 8* Sleeptimer".

Device Sleeptimer

If your TV or Satellite has a "Sleeptimer" function built in, you can access this function with your *Topline 8* remote. To do so:

- 1 Make sure your TV (or Satellite) is switched on.
- 2  Press the **DEVICE KEY** (TV or SAT).
- 3 
 Point the *Topline 8* at your TV (or Satellite) and press and release **SHIFT** then **POWER**. You should see the Sleeptimer activate on your TV screen. To increase the timer, simply press power until the timer gets to the desired time.

To deactivate the Sleeptimer, repeat steps 1-3 above. During step 3, continue pressing Shift then Power until the timer indicates zero minutes.





Note: Remember, your device must have its own Sleeptimer function in order for the above instructions to operate. If your device does not have its own Sleeptimer, follow the instructions outlined below.

Advanced Functions

The Topline 8 Sleptimer

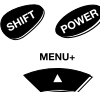

Your *Topline 8* remote comes with an internal Sleptimer function for those devices (TV or Satellite) which did not come standard with this function. To use the *Topline 8*'s Sleptimer:

Making your Topline ready for Sleptimer:

-  Press and hold **MAGIC** until the display reads [TIMED SEQ].
-  Press the **MENU- KEY** **twice** until the display changes to [CONFIGURE]. Press **ENTER** and the display will change to [THEATR SEL].
-  Press the **MENU+ key** **four times** until the display changes to [SLEEP LOCK]. Press **ENTER** and the display will read [DISABLE].
-  Press **MENU-** **one time** to change the display to [ENABLE] then press **ENTER** to return to the main screen. It is only necessary to perform steps 1-4 once. Now to set the timer, continue with the steps below.

Setting the Topline 8's Sleptimer:

It is possible to set the timer for 15, 30, 45 or 60 minutes. To do this, first make sure your TV (or Satellite) is switched on. Then,

-  Press **SHIFT** and then **POWER**. The display will read [SLEEP 15]. To increase the timer, use the **MENU+** key.
-  Once you have set the timer to the desired time, press **ENTER**. The display will read [SLEEP and the time]. Now set the *Topline 8* remote down, pointing it at your device. When the programmed amount of time has elapsed, the *Topline 8* will send the command for Power, hence turning off your device.

Notes:












- To deactivate the Sleptimer, press Power on the Topline 8.
- Also, it is only necessary to follow steps 1-2 above one time. For subsequent use of the Sleptimer, simply begin with "Setting the Sleptimer".
- Remember, when using the Topline 8's Sleptimer, you must set the remote so it is pointing at your device.

Advanced Functions

VOLUME LOCK

With the *Topline 8*, you can choose which one of your components will control your volume. When you originally set up the *Topline 8*, each individual component operates its own volume, provided the component has volume control. You can change this setting so that one component controls the volume no matter which component the *Topline 8* is operating.

For example, to set up the *Topline 8* to always control the volume through your amplifier:

-  Press and hold **MAGIC** until the display reads [TIMED SEQ].
- 

 Press the **MENU-** key **twice** until the display changes to [CONFIGURE]. Press **ENTER** and the display will change to [THEATR SEL].
- 

 Press the **MENU-** key **two times** until the display changes to [VOL LOCK]. Press **ENTER** and the display will read [UNLOCK].
- 

 Press **MENU-** **one time** to change the display to [LOCK] then press **ENTER**. Next press the Device Key for the component that will control the volume. In this example, to control the volume through your amplifier, you would press **AMP**.
-  To end, press **ENTER** and the display will return to the main screen.

Now when you use the volume keys on the *Topline 8*, your volume will be controlled by the component you have selected above. For this reason, it is necessary that this device is turned on.









Note: To return volume control back to each individual device, repeat steps 1-5 above. During step 4, use the Menu- to choose [UNLOCK], then press ENTER.

Advanced Functions

CHANNEL UP/DOWN SIMULATION

If your original remote control did not have channel up/down keys, it is possible to program the *Topline 8* to operate this feature. By following the instructions below, you will be able to use the Channel +/- keys on the *Topline 8* to advance through channels 0 through 9.

To turn on the Channel +/- Simulation feature:

- 1  Press and hold **MAGIC** until the display reads [TIMED SEQ].
- 2 

 Press the **Menu-** key **twice** until the display changes to [CONFIGURE]. Press **ENTER** and the display will change to [THEATR SEL].
- 3 
 Press the **Menu+** key **one time** until the display changes to [CH +/- SIM]. Press **ENTER** and the display will read [DISABLE].
- 4 
 Press **Menu-** **one time** to change the display to [ENABLE] then press **ENTER**.









Note: To reset the Topline 8 back to the original channel +/- operation, repeat steps 1-4 above. During step 4, use the Menu- to choose [DISABLE], then press ENTER.

Advanced Functions

CLEAR ALL

If you would like to reset the *Topline 8* of all advanced functions, you can use the CLEAR ALL feature. The CLEAR ALL feature will clear the following entries you have programmed for: SEQUENCES, TIMED SEQUENCES, VOLUME LOCK, CH +/- SIMULATION and KEY MAGIC. CLEAR ALL will not erase your set-up codes.

To clear the memory using the CLEAR ALL feature:

- 1**  Press and hold **MAGIC** until the display reads [TIMED SEQ].
- 2** 

 Press the **MENU-** key **twice** until the display changes to [CONFIGURE]. Press **ENTER** and the display will change to [THEATR SEL].
- 3**  **x 3**  Press the **MENU+** key **three times** until the display changes to [CLEAR ALL]. Press **ENTER** and the display will read [CLR ALL].
- 4** 
 Press **ENTER** and the display will read [CONFIRM]. Press **ENTER** one more time and the display will return to the main screen. The *Topline 8* is now reset.

TROUBLE SHOOTING

Problem:	Solution:
The LCD screen begins to fade or text does not appear?	Replace the batteries with four new AAA/LR03 batteries. The Topline 8 should retain the codes you have programmed, however, you will need to reset the clock (see page 9)
You cannot get the Topline 8 to operate your device(s)?	A) Try all the codes listed for your brand. B) Try the Search method (page 13). C) Make sure the device you are setting up is able to be operated with an infrared remote control.
Your brand is not listed in the ONE FOR ALL code section?	Try the search method on page 13.
The ONE FOR ALL is not performing commands properly?	You may be using the wrong code. Start the search method over again to locate the proper code.
You can turn your device off but you can not turn it on?	If, on your original remote, you had to press a number key to turn on your device, you should do the same on the Topline 8.
You made a mistake when setting up your Topline 8?	During any set-up procedure, except for Sequences and Timed Sequences, the ESC key will return you to the main screen with out saving.
You made a mistake when entering a Sequence or Timed Sequence?	If you made a mistake when setting up a Sequence, erase the incorrect sequence by re-saving a new Sequence under the same key. If you made a mistake when entering a Timed Sequence, return to the Timed Sequence menu and delete the incorrect sequence.
Problems changing channels?	Enter the programme number exactly as you would on your original remote.
Video not recording?	As a safety feature on your ONE FOR ALL, you must press the Record key twice .
Scan does not work on your device?	Make sure your original remote had a programme +/- key.
Your audio components turn on and off but will not control other functions?	Some audio components may need both a Tuner code and an Amplifier code to control all the features of your audio component,
Your DSS satellite receiver does not respond to the codes listed in the manual?	Make sure the DSS Receiver you are setting up is able to be operated with an infrared remote control and not set up to only receive Radio Frequency.

CUSTOMER SERVICE

PRODUCT SUPPORT

If you have any questions about the operation of your new ONE FOR ALL *Topline 8* Universal Remote Control, you may call our consumer help-line for assistance. Before calling, please read this manual carefully to find an answer to your question. If you cannot find a solution in this manual, please complete the information below before calling. This way we can better serve you.

In the UK: phone: 0990 143038
 fax: 01252 876844
 e-mail: ofahelp@compuserve.com

In Ireland: phone: 1-800 553 118
 fax: +31 53 4329816
 e-mail: ofahelp@ueic.com

ONE FOR ALL model number: URC-8550

Date of purchase: ____/____/_____
 day/ month/ year

Your devices:

TYPE	BRAND	MODEL NR.	REMOTE MODEL NR.
<i>TV</i>	<i>Sony</i>	<i>KVX-2950B</i>	<i>RMT-V131B</i>

CUSTOMER SERVICE

KEY MAGIC®

Key Magic is an exclusive ONE FOR ALL feature. The design of the *Topline 8* ensures that many functions of your original remote control can be operated by the *Topline 8*, even those that do not have their own key on the *Topline 8* keypad. And often used functions can be assigned to a key of your choice using the Key Magic feature of your *Topline 8*.

If you have questions about using the Key Magic feature, ring our consumer help-line and one of our customer service agents will be glad to assist you.

ONE FOR ALL

Telephone Upgradable Technology

Your *Topline 8* contains a unique feature which allows new codes to be added simply by holding it to your telephone. In a matter of seconds, our magnetic coupling technology quickly and reliably transfers information to the *Topline 8* without complex plugs, adapters or attachments. This means, as you buy new products in the future, the *Topline 8* will never become obsolete.

Simply ring our Consumer Help-Line and one of our customer service representatives will assist you through the entire process of upgrading your *Topline 8*. To ensure the process goes smoothly, here are a few steps to follow:

1. Write down the brand name(s) and model number(s) of your device(s) in the space provided on page 29 before you call.
2. Ring our Consumer Help-Line and explain which device(s) you would like added to your *Topline 8*.
3. After our customer service agent records the brand name(s) and model number(s) of your device(s), he/she will ask that you hold the *Topline 8* to the earpiece portion of your telephone (see diagram below). In doing this, the information needed for your device is transferred through the telephone into your *Topline 8* in a matter of seconds. Please note, mobile telephones, cordless telephones and speaker telephones are not recommended.
4. After your *Topline 8* has been upgraded by telephone, stay on the line. Our customer service agent will ensure that your *Topline 8* is working properly with your device(s) and answer any other questions you may have.

Set-up Codes - TV

Televisions

A.R. Systems	037	Capsonic	264
Acura	009	Carena	455 037
Admiral	087 093 418 213 264	Carrefour	036 070
Adyson	217 216	Cascade	009
Agazi	264	Cathay	037
AGB	516	Centurion	037
Agef	087	Century	087 213 247
Aiko	216 009 037 371 035 072 361	CGE	074 084 076 247 276 418
Aim	037 274	Cimline	009 235 218
Akai	361 208 371 037 191 035	City	009
	009 072 218 163	Clatronic	218 264 370 371 217 076
Akiba	218 282 455 037		037 009 102
Akura	218 282 276 009 412 264	Clayton	385
	037	Concorde	009
Alba	218 235 009 418 370 355	Condor	216 247 282 320 037 370
	371 037 247 431 216		009 102 411
Alcyon	076	Contec	216 009 157 011 036
Allorgan	206 294 217	Continental	501 237 196 198
Allstar	037	Edison	399 333 287 487 568
Amplivision	217 400 320	Cosmel	009 337
Amstrad	177 009 516 264 218 371	Crezar	213
	362 412 037	Crosley	087 247 074 084 076 213
Anglo	009 264	Crown	009 370 076 421 037 359
Anitech	009 068 076 264 037	Crystal	431
Ansonic	370 292 102 009 037 374	CS Electronics	247 216 218
	163 323 411 259 247 012	CTC	247
	428	Cybertron	218
Arc en Ciel	399 501 196 109	Daewoo	009 037 216 374 218 217
	568 333 198	Dainichi	218
Arcam	216 399 217	Dansai	037 264 035
Aristona	037 556 012	Dawa	037
Arthur Martin	400	Daytron	009 374
ASA	105 346 070 104 087	Decca	072 516 037 249
Asberg	037 076		217
Asuka	218 264 216 282	DeGraaf	208
	217	Desmet	320 037
Atlantic	037 216 206 320	Dixi	009 037
Atori	009	Domland	394
Auchan	400	DTS	009
Audiosonic	037 109 217 370 337 264	Dual	217 343 259 519 399
	218 428	Dual-Tec	217 259
Audioton	217 264	Dumont	087 104 102 213
Ausind	076		217 070
Autovox	087 206 237 076 217 247	Dynatron	037
Ayomi.	238	Elbe	435 238 259 362 292 370
Baird	109 193 343 190 192 072		163 037 218 191 411
Bang & Olufsen	087 565	Elcit	087 247 516 102
Basic Line	218 009 374 037 282	Elekta	264 282
Bastide	217	Elin	216 037 105 104
Baur	303 535 512 554 361 505	Elite	218 037
	010 037	Elman	102
Bazin.	217	Elta	009
Beko	370	Emerson	177 213 087 247
Beon	037	Emperor	282
Best	337 370 421	Erres	037 012
Bestar	037 370 374	Etron	037 009
Binatone	217	Euro-Feel	264
Black Star	247	Euromann	216 264 037 217 421 370
Blacktron	282	Europhon	037 516 102 213 217 247
Blackway	282	Expert	206 400
Blaupunkt	554 535 191 195 200 213	Fenner	374 009
	327 328	Ferguson	073 287 192 190 335 238
Blue Sky	218 282 455 037		193 109
Blue Star	282	Fidelity	193 216 371
Bondstec	247	Finlandia	208 346 359
Boots	217	Finlux	105 104 037 346 217 072
BPL	282		076 516 070 087 102
Brandt	501 399 237 333 196 198	Firstline	294 321 216 037 374 385
	287 335 568		247 009 217
Brinkmann	418 037	Fisher	104 087 217 036 208 370
Brionvega	037 087		087 157 361 303 072
Britannia	216 217	Flint	037 455
Bruns	087	Forgestone	193
BSR	294	Formenti	087 213 216 320 076
BTC	218	Fortress	093 087
Bush	218 235 009 036 282 037	Fraba	370 037
	355 371 374 519	Frontech	247 264 431 217 009
		Fujitsu	206 072 217
		Funai	264 294
		Galaxis	370 418 037
		GBC	213 009

Set-up Codes - TV

GEC	043 072 361 516 037 217	Lesa	247
	072 349	Leyco	264 072 037 294
Geloso	213 009 374	Lifetec	009 264 519
General		Lloyds	009
Technic	009	Loewe	512 087 037
Genexxa	218 037 412	Logik	011
Germanvox	213	Luma	206 037
Goldline	337	Lux May	037
Goldstar	037 370 290 009 377 217	Luxor	237 290 357 361 356
	247 216 431	M Electronic	346 037 109 343 247 105
Goodmans	036 072 037 009 264 516		104 374 009 217 068 480
	290 374 371		492 216
Gorenje	370 421	Magnadyne	087 247 516 102
GPM	218	Magnafon	516 213 076 102
Granada	037 226 356 359 012 072		216
	108 208 217 076 036 339	Mandor	264
	516	Manesth	037 235 217 264
Grandin	282 218 400 037 009 320		320 276 035
	455	Marantz	037
Grundig	535 195 191 554 487 070	Marrelli	087
	076 237 037	Mark	037
Halifax	264 216 217	Matsui	235 177 009 355 011 072
Hampton	216 217		036 037 487 217 294 371
Hanseati	037 292 282 361 394 213		443
	320 428 009 294 217 519	McMichael	043
Hantarex	009 213 037 296	Mediator	037 556 012
HCM	264 009 282 412 217 218	Memorex	009
	037	Memphis	337 072 009
Hema	217 009	Mercury	037
Hifivox	501 196 399 568	Metz	087 195 535 447 239 213
HiLine	264 037		554 275 367
Hinari	208 036 037 218 009 163	Minerva	487 535 070 076 554 237
Hisawa	282 218 400 455	Minoka	412 037 359
Hitachi	225 036 349 356 473 043	Mitsubishi	108 150 512 087 036 237
	343 196 198 217	Mivar	292 290 291 370 216
Hoshai	218	Motion	076
Hygashi	217 216	MTC	370 349
Hornophon	037	Multistandard	102
Hyper	009 216 217 247	Multitech	217 009 216 247 102
Hypersonic	361	Murphy	104 216
Hypson	037 264 217 282	National	237
	455 400	NEC	036 320
ICE	264 217 037 371 218 216	Neckermann	037 191 370 505 200 554
	009		556 327 349 087 213 217
Imperial	037 247 370 418 074 084		411
	076 349	NEI	037 337 431
Indesit	237 213	Nesco	247
Indiana	037	Newtech	037 009 556 343
Ingersol	009	New World	218
Inno Hit	009 072 037 218 290 217	Nicamagic	216
	516 247	Nikkai	072 218 037 217 264 035
Interbuy	009 264 247 068		337 216 009
Interfunk	037 012 087 512 275 327	Noblisko	102 076 070 216
	163 361 370 501 568	Nogamatic	399 501 196 568
Intervision	282 217 455 068 037 394	Nokia	163 480 349 359 473 361
	218 102 264 247 431		339 208 594
Irradio	009 037 218 247 290 076	Nordmende	109 501 287 399 196 343
Isukai	218 037 282		198 213 568
ITC	217	Novatronic	037 105
ITS	037 371 218 282 264 216	Oceanic	163 400 361 294 563
ITT	163 480 349 361 473 339	Okano	370 037
	208	Onwa	371
JEC	035	Opera	037
JVC	053 094 190 036 192 193	Orbit	037
	371 218	Orion	235 294 177 320 355 011
Kaisui	009 217 218 282 037 216		037 009 321
	455	Osaki	072 218 217 264 276
Kamp	216	Oso	218
Kapsch	206 163 361	Osume	157 072
Karcher	037 421 282	Otto Versand	010 505 036 093 512 037
Kendo	362 235 247 102 037 411		556 535 195 349 554 191
	428		361 235 109 213 294
Kennedy	206 213 435	Pael	216
Kingsley	216	Palladium	370 037 191 505 200 554
Kneissel	435 259 292		556 327 349 087 213 217
Kolster	037	Panama	009 217 264 216 037
Konka	218 371	Panasonic	226 250 126 274 213 361
Korpel	037		237 367 037
Korting	087 421 320	Panavision	037
Kyoto	385	Pathe Cinema	238 216 400 320 292
Lenco	009 104	Pathe Marconi	213 501 196 198 333 399
Lenoir	009		237 568

Set-up Codes - TV

Pausa	009	Skantic	357 356
Perdio	072 320	Sogera	320
Perfekt	037	Solavox	361 072
Philco	087 084 074 418 076 213	Sonitron	208 370 339
	247 370	Sonoko	037 009 264 282 217
Philharmonic	217	Sonorol	208 163 400
Philips	037 556 012 323 554 191	Sontec	037 370 294
	043 087 193	Sony	010 505 011 036
Phoenix	037 087 320 385	Sound & Vision	102 218 374
Phonola	037 012 087 193 216	Soundwave	037 320 418
Pioneer	037 343 428	Standard	218 009 217 320 037
Plantron	037 264	Star Lite	037
Pollicom	568	Stenway	282 218
Popp	009	Stern	206 259
Prandoni-Prince	247 516 361 213 076	Sunkai	94 355 321 455 218 235
Precision	217	Sunwood	037 009
Prima	009 264	Superla	516 216
Prinz	072	Supertech	009 037
Profex	009	Supra	374 009
Profi-Tronic	037	Sutron	009
Proline	321 072 037 012	Sydney	216 217
Prosonic	037 216 370 374	Tandy	218 072 217 247 276 093
Protech	037 217 009 247 349 102	Tashiko	036 043 217 216
	264 431 337	Tatung	037 072 516 217 249 011
Pye	037 556 012	TEC	217 276 009 247 471 335
Pymi	009	Technema	320
Quasar	247	Teleavia	109 501 196 399
Quelle	037 010 011 501 512 535		333 490 568
	554 361 036 217 247 074	Telecor	037 163 218 217 259
	084	Telefunken	109 501 498 471 399 287
Questa	036		074 084 101 335 262 073
Radialva	109		343 037 477
R-Line	037	Telegazi	037 163 259 218 264
Radiola	037 556 012 323	Telemeister	320
Radiomarelli	087 516 247	Telesonic	037
Radiotone	009 037 428	Teletech	009 247 337
Rank	070	Teleton	217 275 206 349
Rediffusion	361	Televideon	320 216
Revox	037 370	Temco	294
Rex	206 411 259	Tensai	104 218 037 217 294 320
RFT	087 292 428 072		009 105 374 371 377
Roadstar	009 264 218	Texet	217
Robotron	087	Thomson	287 399 109 501 333 471
Royal Lux	421		335 196 198 237 343 037
RTF	087		490 568
Saba	287 213 087 399 163 109	Thorn	193 190 238 073 192 074
	501 516 343 361 498 196		084 104
	198 335	Tokai	072 037 337 163
Sagem	455	Tokyo	216 035
Saisho	235 516 177 009 011 217	Tomashi	282
	264	Toshiba	035 508 036 070 102
Salora	290 349 356 359 361 516	Towada	349 102
Sambers	213 516 102	Trans Continens	217
Samsung	037 556 009 217 370 264	Trident	516 217
	090 216 290 072 208	Triumph	177 516 346 556
Sandra	216 217	Uher	076 037 206 320 303 374
Sansui	037		418
Sanyo	208 157 292 036 011 370	Ultravox	087 102 374 216 213 037
	072 216 217 104 213 339	Universum	346 105 535 473 361 200
SBR	037 556 012		011 512 294 036 157 070
Schaub Lorenz	349		370 492 480 247
Schneider	037 012 217 303 519 394	Univox	337 087 037
	259 323 343 247 371 218	Vestel	037 217
	361	Vexa	009 037
SEG	217 264 009 036	Videologique	216 218 217
	102 362 037	VideoSystem	037
SEI	087 102 010 516 213 294	Videotechnic	216 320
	296 206 037	Visiola	216
Seleco	206 226 362 259 411	Vision	037 320
Sencora	009	Vistar	276 206
Sentra	276 035 218	Vortec	037
Sharp	093 157 036 294	Voxson	087 076 037 418
Shorai	294	Waltham	217 276 356 418 287 385
Siarem	087 102 213		037
Siemens	191 535 554 157 195 200	Watson	037 320 218 213
	213 327 328	Watt Radio	213 102 216
Sierra	037 556 012	Wega	213 036 087 037
Siesta	370	Weltblick	037 320
Silva	216	White	
Silver	036 361	Westinghouse	320 216 037 337
Singer	087 102 400	Yamashi	282 455 218 037
Sinudyne	177 087 235 102 213 294	Yoko	217 037 218 264 009 431
	296 361		

Set-up Codes - VIDEO

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<tr><td>Baird</td><td>106 278 104 107 041 000</td></tr> <tr><td>Bang & Olufsen</td><td>499</td></tr> <tr><td>Basic Line</td><td>278 209 020 072</td></tr> <tr><td>Bestar</td><td>278 020</td></tr> <tr><td>Black</td><td></td></tr> <tr><td> Panther Line</td><td>278</td></tr> <tr><td>Blaupunkt</td><td>226 154 227 162 081 006</td></tr> <tr><td></td><td>195 403</td></tr> <tr><td>Bondstec</td><td>020</td></tr> <tr><td>Bosch</td><td>154</td></tr> <tr><td>Brandt</td><td>041 187 206 320 493</td></tr> <tr><td>Briovvega</td><td>344</td></tr> <tr><td>Bush</td><td>072 278 315 333 334 209</td></tr> <tr><td></td><td>352</td></tr> <tr><td>Canon</td><td>167</td></tr> <tr><td>Carena</td><td>209 081</td></tr> <tr><td>Carrefour</td><td>045</td></tr> <tr><td>Catron</td><td>020</td></tr> <tr><td>CGE</td><td>041 000</td></tr> <tr><td>Cimline</td><td>072 209</td></tr> <tr><td>Clatronic</td><td>020</td></tr> <tr><td>Combitech</td><td>352</td></tr> <tr><td>Condor</td><td>020 278</td></tr> 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<tr><td>Frontech</td><td>020 322</td></tr> <tr><td>Fujitsu</td><td>000</td></tr> <tr><td>Funai</td><td>000</td></tr> <tr><td>Galaxy</td><td>000</td></tr> <tr><td>GBC</td><td>020</td></tr> <tr><td>GEC</td><td>081</td></tr> <tr><td>General</td><td>020</td></tr> <tr><td>Goldhand</td><td>072</td></tr> <tr><td>Goldstar</td><td>037 000</td></tr> <tr><td>Goodmans</td><td>000 072 240 278 037 020</td></tr> <tr><td></td><td>081 209</td></tr> <tr><td>Graetz</td><td>041 104 240 344</td></tr> <tr><td>Granada</td><td>104 046 048 081 006 240</td></tr> <tr><td></td><td>037 226 042 000</td></tr> <tr><td>Grandin</td><td>072 037 020 000 278</td></tr> <tr><td>Grundig</td><td>007 195 081 347 226 006</td></tr> <tr><td></td><td>403 320</td></tr> </table>	Yorx	218		Zanussi	206 217		Aiwa	307 000 041 209 352 037	Akai	106 315 053 041 020	Akiba	072	Akura	072 041	Alba	278 072 333 334 209 352		192 020 295	Allorgan	240	Allstar	322	Ambassador	020	Amstrad	000 325 332	Anitech	072 322	ASA	037 081	Asuka	072 037 081 000	Audiosonic	278	Baird	106 278 104 107 041 000	Bang & Olufsen	499	Basic Line	278 209 020 072	Bestar	278 020	Black		Panther Line	278	Blaupunkt	226 154 227 162 081 006		195 403	Bondstec	020	Bosch	154	Brandt	041 187 206 320 493	Briovvega	344	Bush	072 278 315 333 334 209		352	Canon	167	Carena	209 081	Carrefour	045	Catron	020	CGE	041 000	Cimline	072 209	Clatronic	020	Combitech	352	Condor	020 278	Crown	278 072 020 322	Daewoo	278 020 045	Dansal	072	Daytron	278	Decca	000 041 081 008 067	DeGraaf	042 166 081 104 048	Dual	041 081	Dumont	000 081 104 105	ESC	278 240	Elcotech	072	Elin	240	Elta	072	Emerson	072	Etzuko	072	Europhon	020	Ferguson	107 041 320 053 493	Fidelity	000 072	Finlandia	104 081 042 166 000 048	Finlux	000 081 104 042 105	Firstline	072 209 043 037 045 042	Fisher	047 104 046	Flint	209	Frontech	020 322	Fujitsu	000	Funai	000	Galaxy	000	GBC	020	GEC	081	General	020	Goldhand	072	Goldstar	037 000	Goodmans	000 072 240 278 037 020		081 209	Graetz	041 104 240 344	Granada	104 046 048 081 006 240		037 226 042 000	Grandin	072 037 020 000 278	Grundig	007 195 081 347 226 006		403 320	<table border="0" style="width: 100%;"> <tr><td>Hanseatic</td><td>037 209</td></tr> <tr><td>Hantor</td><td>020</td></tr> <tr><td>HCM</td><td>072</td></tr> <tr><td>Hinari</td><td>004 072 208 209 352 041</td></tr> <tr><td></td><td>322</td></tr> <tr><td>Hisawa</td><td>209 352</td></tr> <tr><td>Hitachi</td><td>042 105 166 041 000 240</td></tr> <tr><td></td><td>081 004 104</td></tr> <tr><td>Hypson</td><td>072 209 278</td></tr> <tr><td>Impego</td><td>020</td></tr> <tr><td>Imperial</td><td>000 240</td></tr> <tr><td>Ingersol</td><td>004</td></tr> <tr><td>Inno Hit</td><td>020 240 278 322</td></tr> <tr><td>Innobuy</td><td>037 072</td></tr> <tr><td>Interfunk</td><td>081 104</td></tr> <tr><td>Intervision</td><td>000 278 037</td></tr> <tr><td>Irradio</td><td>072 037</td></tr> <tr><td>ITT</td><td>106 041 046 344 384 104</td></tr> <tr><td></td><td>240</td></tr> <tr><td>ITV</td><td>278 037</td></tr> <tr><td>JVC</td><td>041 067 008 206 384</td></tr> <tr><td>Kaisui</td><td>072</td></tr> <tr><td>Kendo</td><td>106 209 315 053</td></tr> <tr><td>Kenwood</td><td>041</td></tr> <tr><td>Korpel</td><td>072</td></tr> <tr><td>Kuba</td><td>047</td></tr> <tr><td>Leyco</td><td>072</td></tr> <tr><td>Loewe Opta</td><td>081 006 037 105 004</td></tr> <tr><td>Logik</td><td>004 240 072 106 209</td></tr> <tr><td>Luxor</td><td>106 046 043 072 104</td></tr> <tr><td>M Electronic</td><td>000 037</td></tr> <tr><td>Manesth</td><td>072 045 081 209</td></tr> <tr><td>Marantz</td><td>081 006 295 209</td></tr> <tr><td>Matsui</td><td>209 004 192 295 037 208</td></tr> <tr><td></td><td>240 352 332</td></tr> <tr><td>Mediator</td><td>081</td></tr> <tr><td>Memorex</td><td>104 000 046 037 048 047</td></tr> <tr><td>Memphis</td><td>072</td></tr> <tr><td>Metz</td><td>195 347 081 162 227 226</td></tr> <tr><td></td><td>006</td></tr> <tr><td>Migros</td><td>000</td></tr> <tr><td>Minerva</td><td>195</td></tr> <tr><td>Mitsubishi</td><td>043 067 081</td></tr> <tr><td>Multitech</td><td>000 072 020 104</td></tr> <tr><td>Murphy</td><td>000</td></tr> <tr><td>National</td><td>226 162</td></tr> <tr><td>NEC</td><td>041 067 040</td></tr> <tr><td>Neckermann</td><td>041 208 006 081 344</td></tr> <tr><td>Nesco</td><td>072</td></tr> <tr><td>Nikkai</td><td>020 072 278</td></tr> <tr><td>Nokia</td><td>104 106 041 278 046 344</td></tr> <tr><td></td><td>240 048 042 081</td></tr> <tr><td>Nordmende</td><td>041 384 320 187 494</td></tr> <tr><td>Oceanic</td><td>000 048 106 081 104 041</td></tr> <tr><td></td><td>046</td></tr> <tr><td>Okano</td><td>315 209 072 322</td></tr> <tr><td>Orion</td><td>209 004 208 352 295 333</td></tr> <tr><td></td><td>334</td></tr> <tr><td>Orson</td><td>000</td></tr> <tr><td>Osaki</td><td>000 037 072</td></tr> <tr><td>Otto Versand</td><td>081</td></tr> <tr><td>Palladium</td><td>072 315 037 041 006 209</td></tr> <tr><td>Panasonic</td><td>226 227 162 225</td></tr> <tr><td>Pathe</td><td></td></tr> <tr><td> Cinema</td><td>004 043</td></tr> <tr><td> Pathe</td><td></td></tr> <tr><td> Marconi</td><td>041</td></tr> <tr><td> Perdio</td><td>000</td></tr> <tr><td> Philco</td><td>072</td></tr> <tr><td> Philips</td><td>081 006 403</td></tr> <tr><td> Phonola</td><td>081</td></tr> <tr><td> Pioneer</td><td>067 081 042</td></tr> <tr><td> Portland</td><td>020 278</td></tr> <tr><td> Prinz</td><td>000</td></tr> <tr><td> Profex</td><td>322</td></tr> <tr><td> Profi-Tronic</td><td>081 240</td></tr> <tr><td> Proline</td><td>000</td></tr> <tr><td> Prosonic</td><td>209</td></tr> <tr><td> Provision</td><td>278</td></tr> <tr><td> Pye</td><td>081</td></tr> <tr><td> Quelle</td><td>006 208 081 344</td></tr> <tr><td> Radialva</td><td>037 072 081 048</td></tr> </table>	Hanseatic	037 209	Hantor	020	HCM	072	Hinari	004 072 208 209 352 041		322	Hisawa	209 352	Hitachi	042 105 166 041 000 240		081 004 104	Hypson	072 209 278	Impego	020	Imperial	000 240	Ingersol	004	Inno Hit	020 240 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Provision	278																																																																																																																																																																																																																																																																																																																																		
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Radialva	037 072 081 048																																																																																																																																																																																																																																																																																																																																		

Set-up Codes - SAT

Radiola	081
Rex	041 384
RFT	020 403 072
Roadstar	240 072 037 278
Royal	322 072
Saba	041 187 206 320 384 494
Saisho	004 209 208 192
Salora	046 043 106 104
Samsung	240 432
Samurai	020
Sansui	041 067 106
Sanwa	004
Sanyo	104 046 047
Saville	352 278 240
SBR	081
Schaub Lorenz	041 344 106 000 104
Schneider	072 000 037 081 042
SEG	072 240 322 278
SEI-Sinudyne	004 081
Seleco	041 008 384 020 037
Sentron	072
Sentra	020 072
Sharp	048
Shintom	072 104
Shivaki	037
Shorai	004
Siemens	195 006 037 104 007 081
Silva	037
Sinudyne	004 081
Solovox	020
Sonitron	047
Sonoko	278
Sonolor	048
Sontec	037
Sony	033 034 032 106
Standard	278
Starlite	037 104
Sunkai	209 295
Sunstar	000
Suntronic	000
Sunwood	072
Supra	037 240
Symphonic	000 072
Taisho	004 209
Tashiko	000 048 240 081 037
Tatung	000 041 081 053 048
TEC	020
Teleavia	041 187
Telefunken	187 041 320 384 493 494
Teletch	322 072
Tenosal	072
Tensai	000 322 037 072 004
Thomson	041 384 320 206 493 494
Thorn	041 104 037
Tokai	072 037
Toshiba	045 041 384 043 081 403
Towada	322
Towika	072
Triumph	208
TVA	020
Uher	037 240 344
Ultravox	344
Unitech	240
United	
Quick Star	278
Universum	000 325 081 240 037 106
195 006	
Victor	008 067
Watson	081
Weltblick	037
White	
Westinghouse	344
Yamashi	072 278
Yokan	072
Yoko	037 072 020 240

Satellite Receivers

AGS	668
Akai	515 200
Alba	421 515 455 254 362 519
	613 713
Aldes	288 362 519 520
Allantide	333
Allsat	067 200 364 183
Allsonic	288 369
Alltech	586
Alpha	668
Altai	396
Amitronica	713
Ampere	368
Amstrad	080 461 252 345 243 338
Ankaro	288 217 369 220 519 713
Anitron	421 183 613
Apollo	421
Arcon	368 217 373
Armstrong	243
ASA	397
ASAT	373 200
AST	351 321
Astacom	668
Aston	458
Astra	108 373 530 539 518 344
	513 243
Astro	173 358 520 613 369
Athens	668
Audioton	364 613
Aura	539
Axiel	668
Axis	530 369 366
Barcom	217
Best	217 369
Blaupunkt	173
Boca	243 589 513
Brain Wave	332 692
Broadcast	346
Broco	530 713
BT Satellite	515 668 710
Bush	254 067 328 183 362
Canal Satellite	292
Cambridge	344 515
Channel Master	362
Citycom	394
Clatronic	332
Clemens	
Kamphus	502 333
CNT	520
Colombia	668
Columbus	297
Commander	220
CommLink	288
Comtec	288
Condor	369
Connexions	458 396 369
Conrad	589
Contec	394 589 366
Cosat	592
Crown	243 518
Daewoo	373
Dansat	067 183
DDC	362
Dew	366 373
Diamond	586
Discovery	668
Diskpress	217
Distrisat	200
Ditristrad	592
DNR	692
DNT	200 458 396
Dual	373
Dune	369
Echostar	396 668
EIF	417
Einhell	333 243 421 288 252 513
	518 713 501 94
Elekta	520

Set-up Codes - SAT

Elta	364	421	200	369	Mediasat	530	501	292
Emanon	421				Mega	200		
Emme Esse	369	502	328		Metronic	519	421	417 243 613
EP Sat	455				Micro			
Eurieult	417				Technology	333	539	
Eurodec	526				Minerva	571		
Europa	220	589			Mitsubishi	455		
Eurosat	243	586			Mitsumi	513		
Eurosky	243	369			Morgans	243	200	513 794 713
Eurostar	539				Multista	331		
Exator	421	515	613		Muratto	335	321	
Extra Sat	519				Mysat	713		
Fenner	668				M & B	539		
Ferguson	067	183	455	336 328 711	Navex	332		
Fidelity	252	461			Network	183		
Finlandia	455	108			Neuhaus	530	501	220 589 692 592
Finlux	455	344	108	414		656	713	
Fracarro	421				Neusat	692	713	
France Satellite	297				Nikko	243	713	
Freecom	335	421			Nokia	328	108	573 172 455 397
FTE	368	331	589		Nordmende	362	455	520 421
Fuba	297	217	369	396 421 417	Novis	332		
	173	414	172	573	NTC	502		
G-Sat	183	333			Oceanic	586	333	
Galaxi	217				Octagon	373	421	220 366 613
Galaxis	366	288	364	530 592 369	Okano	243	502	331
	656				Optex	394	592	417 792
Galaxisat	321				Orbit	351	373	333
GMI	243				Orbitech	501	589	541 421
Goldstar	335				Origo	497		
Goodmans	455				Osat	345		
Granada	108				Oxford	344	515	668
Grundig	173	328	571	750 805	Pace	328	067	183 336 455 791
Hanseatic	605					795		
Hantor	421	332			Pacific	586		
Hanuri	520				Palcom	297	362	
Harting &					Palladium	243	571	
Helling	333	502			Palsat	501		
Heliocom	368				Panasonic	455	328	
Hinari	362	183	421		Panda	455	067	108
Hirschmann	287	333	397	173 573 495	Paristad	417		
	442	502			Patriot	515	668	
Hisawa	332				Philips	200	220	183 292 455 328
Hitachi	328	455				667	750	710 613 805
Houston	592	220	668		Phoenix	366	183	
Huth	346	332	364	366 288 220	Phonotrend	288	592	502 656
	589	502	243		PK Sat	333		
Hypson	417				Polytron	394	396	
Imperial	254				Predki	332		
Intertronic	243				Preisner	243	513	589
Intervision	592				Premier	592		
ITT/Nokia	328	108	573	172 455 397	Profile	668		
Johansson	332	364			Prosat	254	288	362
JVC	515	571			Protek	586	333	
Kathrein	331	358	173	394 442 504	Proton	333		
	480	200	622	092 333 658	Provision	520		
	713				Quadral	362	519	288 369 589 668
Key West	794				Quelle	252		
Kolon	421				Radiola	200		
Kosmos	331	442	335	502	Radix	396	458	
KR	613				Rainbow	613		
Kreiselmeier	173				Redpoint	530		
Kyostar	421	613			Red Star	369		
Lasat	513	520	369		RFT	541	288	220 200
Lenco	35	220	373	421 713 692	Roadstar	713		
Lennox	592				Saba	254	183	520 328 336
Lenson	501				Sabre	455		
Lexus	200				Sakura	366		
Leyco	515				Salora	108	172	
Lifesat	605	369			Samsung	287	421	
Lion	333				SAT	351	321	461 501 62
Loewe	243				Satcom	346	605	
Lorenzen	220	692	794		Satec	183	328	
Lorraine	335				Satford	346		
Lupus	369				Satmaster	346		
Luxor	172	108	345	573	Satpartner	332	502	421 335 520 613
Manhattan	455	592	328	520	Sat Team	368		
Marantz	200				Schäcke	613		
Mascom	442				Schneider	667	805	
Maspro	092	336	328	495 750	Schwaiger	394	183	605 504 589
Matsui	344	571	710		Sedea			
MB	605				Electronique	421		
Mediamarkt	243				Seemann	396	243	530 515

Set-up Codes

SEG	421 369 539 332 605 518
Seleco	519
Siemens	592
Silva	173
Skantin	335
Skardin	713
SKR	530
Skymaster	713
Skymax	288 519 605
Skytwin	200 333 539
Skyvision	519
SL	364
Sony	692
Starion	704 455
Starring	539
Strong	332
STVI	421 613 369 520
Sumida	417
Sunny Sound	243
Sunsat	369
Sunstar	713 530
Tagra	513 243 369 794
Tantec	364
Techniland	297 328 336 455
Technisat	346 592
Teco	262 501 541 458 518
Telesat	373 243 513
Teleciel	605
Telefunken	613
Teleka	421 328 710
Telemaster	243 442 613 396 750
Telesat	520
Telesat	605
Telesat	501
Televes	455 501 328
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